

Victoria E. Chen

US Citizen | victoria.c6140@gmail.com | 832-340-4253 | [linkedin.com/in/victoriaemilychen](https://www.linkedin.com/in/victoriaemilychen) | github.com/victoriaemily

Education

Texas A&M University

Bachelor of Science in Computer Engineering, Minor in Mathematics, GPA 4.0

August 2021 – Present

College Station, TX

Technical Skills

Languages: C++, Python, JavaScript, HTML, CSS, SQL

Technologies: Node.js, Next.js, React.js, Git (GitLab and GitHub), Linux, MongoDB

CAD: Fusion 360, Autodesk Professional Inventor (Autodesk Certified), Autodesk Professional Revit, SOLIDWORKS

Experience

KDE

January 2023 – Present

Software Engineer Mentee

Remote

- Troubleshoot, test, and develop user-friendly websites while communicating with cross-functional teams across KDE, an international open-source software hub, as a mentee of their Season of KDE program.
- Implement responsive web design and ensure web accessibility standards are met, utilizing Git, Hugo, HTML, and CSS, ensuring optimization for viewing on all devices and better user accessibility.

Texas A&M AI4ALL

January 2023 – Present

AI4ALL Discover AI and Apply AI College Pathways Participant

College Station, TX

- Research and apply fundamentals of AI and machine learning to a project-based program, delivering a final presentation focused on data analysis through unsupervised machine learning.
- Utilize Python to conduct data analysis through k-means clustering to analyze energy and similarity between trending song datasets of TikTok and Spotify.

Texas A&M SpaceCRAFT VR

August 2022 – December 2022

Cloud and Automation Team Engineer

College Station, TX

- Developed the commercial backend of SpaceCRAFT VR's website, dedicated to fostering interest in the developing of SpaceCRAFT VR, a high-fidelity VR simulation of conditions in space.
- Implemented backend functions with Git, TypeScript, and MySQL allowing for user registration and modification.

Soft Matter and Mechanics Laboratory

February 2022 – June 2022

Undergraduate Researcher

College Station, TX

- Pioneered an economical tensile tester testing forces up to 50 N on biomaterials to evaluate specimen response to stress with a total cost of all bought parts and 3-D printed components totaling under \$200.
- Designed and CAD modeled components of the tensile tester for printing through Autodesk Inventor Professional.

Leadership

Society of Asian Scientists and Engineers

May 2022 – Present

Public Relations Director

College Station, TX

- Manage a committee responsible for planning and executing various interorganizational events and organizational socials.
- Utilize strong leadership and communication skills to coordinate and align event planning and execution with organizational goals and objectives.

TAMU Datathon

December 2022 – Present

Logistics Director

College Station, TX

- Manage event operations for TAMU Datathon, a large-scale data science hackathon with over 200 participants and more than \$16,230 in prizes
- Demonstrate strong leadership skills in managing and coordinating all aspects of the event, including company sponsorship, event operations, finance, and personnel handling.